

CLAIMS:

1. A manufacturing method for a test piece for analyzing an organism-oriented substance to which a label is attached, comprising a step for supplying a solution containing a specific binding substance with respect to an organism-oriented substance on a carrier, and a step for fixing the specific binding substance at a predetermined position, wherein
said solution contains a detection substance differing from or identical to said label, which is dissolved or evenly dispersed independently of said specific binding substance.
2. A method according to claim 1, further comprising a step for detecting said detection substance after said step for supplying the solution, or said step for fixing the specific binding substance.
3. A method according to claim 2, further comprising a step for removing said detection substance from said carrier after said step for detecting the detection substance.
4. A method according to either one of claim 2 and claim 3, wherein said step for detecting the detection substance is a step for detecting at least one of a position, a shape, a number, and a concentration of said detection substance on said carrier.

5. A method according to any one of claim 1 through claim 4, wherein said detection substance has a different spectroscopic property from the spectroscopic property peculiar to said organism-oriented substance, said specific binding substance, and compounds of said organism-oriented substance and said specific binding substance.

6. A method according to claim 5, wherein said spectroscopic property is the absorbance.

7. A method according to any one of claim 1 through claim 6, wherein said detection substance is selected from a group consisting of ink, dye, paint and quantum dots.

8. A method according to any one of claim 1 through claim 7, comprising a carrier examination step comprising;

a step for supplying a labeled examination substance onto a carrier and fixing it in a different position from that of a specific binding substance, and

a step for removing any unfixed examination substance.

9. A method according to claim 8, comprising a step for detecting a label-oriented signal of a fixed examination substance, after said step for removing any unfixed examination substance.

10. A test piece for analyzing an organism-oriented substance, manufactured by the method according to any one of claim 1 through claim 9.

5

11. A test piece for analyzing an organism-oriented substance according to claim 10, wherein the specific binding substance with respect to said organism-oriented substance is DNA.

10

12. An examination method for a test piece for an organism-oriented substance in which a specific binding substance with respect to the organism-oriented substance is fixed in a predetermined position on a carrier comprising;

15

a step for supplying a labeled examination substance onto the carrier and fixing it in a different position from that of the specific binding substance, and

20

a step for removing any unfixed examination substance.

13. An examination method for a test piece for an organism-oriented substance according to claim 12,

25

further comprising a step for detecting a label-oriented signal of a fixed examination substance, after said step for removing any unfixed examination substance.

14. An examination method for a test piece for an organism-oriented substance in which a specific binding substance with respect to the organism-oriented substance is fixed in a specific position on a carrier, comprising;
- 5 a step for supplying a mixture of a detection substance and a specific binding substance onto a carrier and fixing the specific binding substance in a predetermined position,
- 10 a step for supplying a labeled examination substance onto the carrier and fixing it in a different specific position from the predetermined position in the previous fixing step, and
- a step for removing the specific binding substance, the examination substance, and the detection substance which were not fixed in said two fixing steps.
- 15
15. An examination method for a test piece for an organism-oriented substance according to claim 14, comprising a step for detecting a signal of a remaining detection substance on the carrier and a label-oriented signal of a fixed examination substance, after said step for removing the unfixed specific
- 20 binding substance, the examination substance, and the detection substance.
- 25